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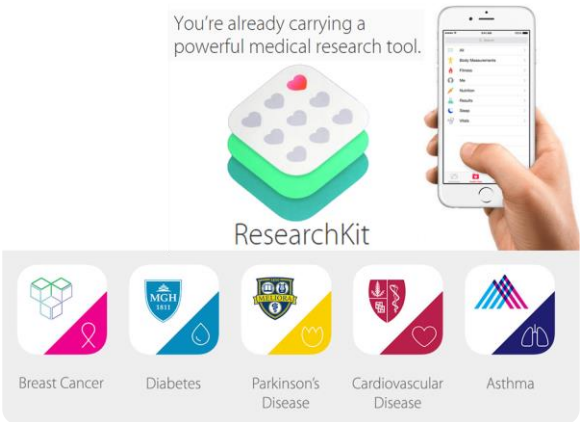
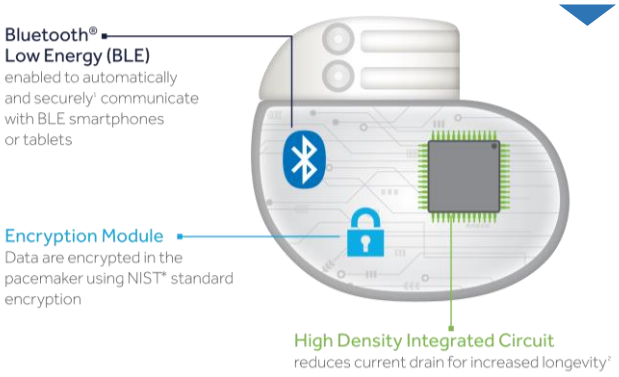
IOT FOR BIOMEDICAL ENGINEERS

IoT enables near real time patient data collection and tele-healthcare delivery and it would not be possible without connected biomedical devices. This includes consumer and clinical grade devices like connected thermometers, blood pressure cuff and continuous glucose monitors. Current generation iPhones are so ubiquitous and sensor rich that Apple provides ResearchKit APIs to clinical research organizations to collectively fight chronic diseases.



IoT has been so successful that even diagnostic and implantable device manufacturers are adopting IoT for external configuration. Management of cardiac rhythm is Medtronic's speciality and its Azure range of pacemakers can directly connect to patient's smartphones. The connected pacemaker can raise alarms before a cardiac failure. It also enables post surgery configuration updates for faster recovery.



Capsule Labs is founded by IoT industry veterans and offers foundational IoT projects to develop a better understanding of IoT solution. With our inertial kit you can create projects to appreciate the complexity of connected biomedical devices.